

REPORT/RECOMMENDATION TO THE BOARD OF SUPERVISORS  
OF SAN BERNARDINO COUNTY, CALIFORNIA  
AND RECORD OF ACTION

REVISED  
23

February 24, 2004

**FROM:** Ken A Miller, Director  
Department of Public Works – Solid Waste Management Division

**SUBJECT:** PLANS AND SPECIFICATIONS FOR THE INSTALLATION OF UP TO THIRTY (30) TEMPORARY AND SIX (6) PERMANENT GROUNDWATER MONITORING WELLS IN THE VICINITY OF THE MID-VALLEY SANITARY LANDFILL

**RECOMMENDATION:**

- 1) Approve plans and specifications for the installation of up to thirty (30) temporary and six (6) permanent groundwater monitoring wells to further define the lateral and vertical extent of perchlorate impacts to groundwater in the vicinity of the Mid-Valley Sanitary Landfill (MVSL).
- 2) Authorize the Solid Waste Management division (SWMD) to advertise for competitive bids.

**BACKGROUND INFORMATION:** On September 26, 2002 the California Regional Water Quality Control Board, Santa Ana Region (RWQCB) issued an Investigative Order, which was amended by a RWQCB letter dated October 24, 2002, for perchlorate and volatile organic compound (VOC) impacts near the MVSL. On November 15, 2002, in response to the Order, the SWMD prepared and submitted to the RWQCB a work plan for additional soil and groundwater investigation of perchlorate in the vicinity of the MVSL. Subsequently, the RWQCB adopted and issued Cleanup and Abatement Order (CAO) No. R8-2003-0013 to the County. The RWQCB approved SWMD's work plan on January 30, 2003.

The RWQCB-approved work plan was implemented and a final report was prepared that evaluated the perchlorate impacts to soils and groundwater in the vicinity of the MVSL. This report, prepared by the SWMD's consultant, Geologic Associates, dated October 2003, was submitted to the RWQCB on October 15, 2003. On January 15, 2004 the RWQCB issued a response and comment letter to SWMD after completing their review of the October 15, 2003 report.

Citing Item 2 of CAO No. R8-2003-0013, the RWQCB has directed the County to submit a work plan for the installation of at least five (5) additional monitoring wells at the leading edge of the plume as well as along the easterly boundary of the plume. The work plan was previously submitted by SWMD to the RWQCB.

Record of Action of the Board of Supervisors

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**PLANS AND SPECIFICATIONS FOR THE INSTALLATION OF TWENTY-FOUR (24) TEMPORARY AND SIX (6) PERMANENT GROUNDWATER MONITORING WELLS IN THE VICINITY OF THE MID-VALLEY SANITARY LANDFILL**

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The work plan for the drilling program includes the installation of up to thirty (30) temporary and six (6) permanent groundwater monitoring wells, the collection of groundwater samples, the setting of pumps within three installed wells to be used for hydraulic aquifer testing, containment of well development water, and securing all necessary permits. Approval of this board agenda item will provide for the implementation of the work plan for compliance with RWQCB Order No. R8-2003-0013.

Advertisement is proposed in February 2004 with bid opening and award of contract in April 2004, and start of construction by mid-April 2004. Upon determination of the lowest responsible and responsive bid, a recommendation of award of contract will be forwarded to the Board of Supervisors as a separate action. Plans and specifications for this project are on file in the SWMD office.

**REVIEW AND APPROVAL BY OTHERS:** This item was reviewed by Deputy County Counsel Robert L. Jocks (387-5435) on February 10, 2004 and County Administrative Office (Tom Forster, Administrative Analyst, 387-4635) on February 11, 2004.

**FINANCIAL IMPACT:** The actions to approve plans and specifications and authorize advertisement for bids have no financial impacts. The total cost of construction is estimated to be \$750,000. Funding for this project is contained in the Solid Waste Management Division's Fiscal Year 2003/2004 Budget – Fund: EAL Dept: SWM Org: SWM Appr: 410 Obj: 4010.

**COST REDUCTION REVIEW:** The County Administrative Office has reviewed this agenda item and concurs with the department's proposal and recommends this action based on the following: The implementation of the Work Plan to further define the lateral and vertical extent of perchlorate impacts to groundwater in the vicinity of the MVSL is mandated through Item 2 of the RWQCB-issued Cleanup and Abatement Order (CAO) No. R8-2003-0013. Failure to comply with this CAO will subject the County to penalties and fines and potentially the issuance of a Cease and Desist Order. Cessation of operations at the MVSL would have an enormous negative financial impact to the SWMD's operating budget.

**SUPERVISORIAL DISTRICT(S):** Fifth

**PRESENTER:** Peter H. Wulfman, 386-8703